

FORM P/C-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE
(REV. 12-2004)

ATTORNEY'S DOCKET NUMBER

035-05

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/523052

INTERNATIONAL APPLICATION NO.

PCT/JP2004/008062

INTERNATIONAL FILING DATE

June 3, 2004

PRIORITY DATE CLAIMED

June 4, 2003

TITLE OF INVENTION

ELECTRIC DISCHARGE MACHINE AND ELECTRIC DISCHARGE MACHINING METHOD

APPLICANT(S) FOR DO/EO/US

Yuichi Awakura

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☐ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☒ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EV 281505673 US
23. ☐ Other items or information:

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO (if known, see 37 CFR 1.5) 10/523052		INTERNATIONAL APPLICATION NO. PCT/JP2004/008062		ATTORNEY'S DOCKET NUMBER 035-05	
24. The following fees are submitted:				Applicant use	Office use only
<input checked="" type="checkbox"/> a) Basic national fee		\$300.00		\$ \$300.00	
<input checked="" type="checkbox"/> b) Examination fee		\$200.00		\$ \$200.00	
<input checked="" type="checkbox"/> c) Search fee		\$500.00		\$ \$500.00	
TOTAL OF ABOVE CALCULATIONS =		\$1000.00		\$ \$1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)		RATE	
34 - 100 =	-66 /50 =	0		x \$250.00	\$ \$0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	16 - 20 =	0	x \$50.00 \$ \$0.00		
Independent claims	5 - 3 =	2	x \$200.00 \$ \$400.00		
MULTIPLE DEPENDENT CLAIMS (if applicable) <input checked="" type="checkbox"/> + \$360.00				\$ \$360.00	
TOTAL OF ABOVE CALCULATIONS =				\$ \$1,760.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ \$0.00	
SUBTOTAL =				\$ \$1,760.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ \$0.00	
TOTAL NATIONAL FEE =				\$ \$1,760.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$ \$40.00	
TOTAL FEES ENCLOSED =				\$ \$1,800.00	
Amount to be refunded:				\$	
Amount to be charged:				\$	
a. <input checked="" type="checkbox"/> A check in the amount of \$ \$1,800.00 to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 16-0750 . A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.437(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
John F. McNulty, Esquire					
Paul & Paul					
2900 Two Thousand Market Street					
Philadelphia, Pa 19103					
(215) 568-4900					
USA					
				SIGNATURE	
				John F. McNulty, Esquire	
				NAME	
				23,028	
				REGISTRATION NUMBER	

PATENT

PCT INTERNATIONAL APPLICATION

Serial No.: NA

Filed: Herewith

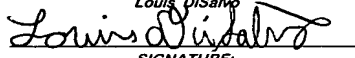
Based on: PCT/JP2004/008062
Title: **ELECTRIC DISCHARGE
MACHINE AND ELECTRIC
DISCHARGE MACHINING
METHOD**

Inventor(s): **Yuichi Awakura**

Priority Date

Claimed: June 4, 2003

Docket No.: 035-05

"EXPRESS MAIL" MAILING LABEL NO:
EV 281505673 US
DATE OF DEPOSIT February 2, 2005
I HEREBY CERTIFY THAT THIS PAPER IS BEING
DEPOSITED WITH THE UNITED STATES POST
OFFICE "EXPRESS MAIL POST OFFICE TO
ADDRESSEE" SERVICE UNDER 37 C.F.R. § 1.10 ON
THE DATE INDICATED ABOVE AND IS ADDRESSED
TO THE COMMISSIONER FOR PATENTS P.O. BOX
1450, ALEXANDRIA, VA 22313-1450
NAME OF PERSON MAILING PAPER OR FEE
Louis DiSalvo

SIGNATURE:

EXPRESS MAIL COVER LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

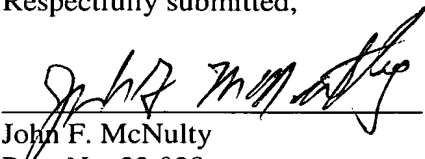
Enclosed and attached hereto are the following documents:

- (1) International Application Transmittal form (2 pages);
- (2) Check in the amount of \$1,760.00 application filing fee;
- (3) Specification (22 pages);
- (4) Claims (5 pages);
- (5) Drawings (6 pages);
- (6) List of Numeral Identifications (3 pages);
- (7) Declaration Power of Attorney Document 3 pages (**executed**);

- (8) Assignment with PTO form 1595;
- (9) Check in the amount \$40.00 recordation fee;
- (10) PCT Request (4) Pages in Japanese language;
- (11) Express Mail cover letter, and
- (12) Paul & Paul postcard to be returned by the PTO.

THE COMMISSIONER IS HEREBY AUTHORIZED TO CHARGE ANY ADDITIONAL FEES ASSOCIATED WITH THIS COMMUNICATION, OR CREDIT ANY OVERPAYMENT, TO PAUL & PAUL DEPOSIT ACCOUNT NO. 16-0750, ORDER NO. 2899.

Respectfully submitted,



John F. McNulty
Reg. No. 23,028
Paul & Paul
2900 Two Thousand Market St.
Philadelphia, PA 19103
(215) 568-4900